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UTILITY PATENT APPLICATION TRANSMITTAL

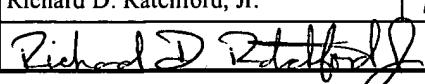
(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. Y0R920030436US1(8728-654)

First Inventor Hans Jacobson

Title SYSTEM AND METHOD FOR TOPOLOGY...

Express Mail Label No. EV413369991US

APPLICATION ELEMENTS		ADDRESS TO:	
See MPEP chapter 600 concerning utility patent application contents.			
1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17) <i>(Submit an original and a duplicate for fee processing)</i>		Assistant Commissioner for Patents Box Patent Application Washington, DC 20231	
2. <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27.		7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)	
3. <input checked="" type="checkbox"/> Specification [Total Pages 30] <i>(preferred arrangement set forth below)</i> <ul style="list-style-type: none"> - Descriptive title of the invention - Cross Reference to Related Applications - Statement Regarding Fed sponsored R & D - Reference to sequence listing, a table, or a computer program listing appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings (if filed) - Detailed Description - Claim(s) - Abstract of the Disclosure 		8. Nucleotide and/or Amino Acid Sequence Submission <i>(if applicable, all necessary)</i> <ol style="list-style-type: none"> a. <input type="checkbox"/> Computer Readable Form (CRF) b. Specification Sequence Listing on: <ul style="list-style-type: none"> i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or ii. <input type="checkbox"/> paper c. <input type="checkbox"/> Statements verifying identity of above copies 	
4. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) [Total Sheets 7]		9. <input type="checkbox"/> Assignment Papers (cover sheet & document(s))	
5. Oath or Declaration [Total Pages]		10. <input type="checkbox"/> 37 CFR 3.73(b) Statement <input type="checkbox"/> Power of Attorney <i>(when there is an assignee)</i>	
a. <input type="checkbox"/> Newly executed (original or copy) b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63 (d)) <i>(for continuation/divisional with Box 18 completed)</i>		11. <input type="checkbox"/> English Translation Document (if applicable)	
i. <input type="checkbox"/> DELETION OF INVENTOR(S) <i>Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).</i>		12. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations	
6. <input type="checkbox"/> Application Data Sheet. See 37 CFR 1.76		13. <input type="checkbox"/> Preliminary Amendment	
18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:		14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) <i>(Should be specifically itemized)</i>	
<input type="checkbox"/> Continuation <input type="checkbox"/> Divisional <input type="checkbox"/> Continuation-in-part (CIP)		15. <input type="checkbox"/> Certified Copy of Priority Document(s) <i>(if foreign priority is claimed)</i>	
Prior application Information: Examiner _____		16. <input type="checkbox"/> Request and Certification under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.	
		17. <input type="checkbox"/> Other: _____	
For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.			
19. CORRESPONDENCE ADDRESS			
<input type="checkbox"/> Customer Number or Bar Code Label		(Insert Customer No. or Attach bar code label here)	
		or <input type="checkbox"/> Correspondence address below	
Name Frank Chau			
Address F. CHAU & ASSOCIATES, LLP 1900 Hempstead Turnpike, Suite 501			
City East Meadow		State New York	Zip Code 11554
Country U.S.A		Telephone (516) 357-0091	Fax (516) 357-0092
Name (Print/Type) Richard D. Ratchford, Jr.		Registration No. (Attorney/Agent) 53,865	
Signature 		Date 12/09/03	

16018 U.S. PTO
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FEE TRANSMITTAL

for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 1,302.00)

Complete if Known

Application Number	
Filing Date	December 9, 2003
First Named Inventor	Hans Jacobson
Examiner Name	
Art Unit	
Attorney Docket No.	YOR920030436US1(8728-654)

METHOD OF PAYMENT (check all that apply)

 Check Credit card Money Order Other None
 Deposit Account:

Deposit Account Number
50-0510

Deposit Account Name
IBM - YORKTOWN HEIGHTS

The Director is authorized to: (check all that apply)

 Charge fee(s) indicated below Credit any overpayments
 Charge any additional fee(s) or any underpayment of fee(s)
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code (\$)	Fee Code (\$)		
1001 770	2001 385	Utility filing fee	770.00
1002 340	2002 170	Design filing fee	
1003 530	2003 265	Plant filing fee	
1004 770	2004 385	Reissue filing fee	
1005 160	2005 80	Provisional filing fee	
SUBTOTAL (1)		(\$ 770.00)	

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

		Fee from below	Fee Paid
Total Claims	40	-20** = 20	x 18 = 360
Independent Claims	5	- 3** = 2	x 86 = 172
Multiple Dependent		290	

Large Entity	Small Entity	Fee Description
Fee Code (\$)	Fee Code (\$)	
1202 18	2202 9	Claims in excess of 20
1201 86	2201 43	Independent claims in excess of 3
1203 290	2203 145	Multiple dependent claim, if not paid
1204 86	2204 43	** Reissue independent claims over original patent
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent
SUBTOTAL (2)		(\$ 532.00)

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity Small Entity

Fee Code (\$)	Fee (\$)	Fee Code (\$)	Fee (\$)	Fee Description	Fee Paid
1051 130	2051 65	Surcharge - late filing fee or oath			
1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet			
1053 130	1053 130	Non-English specification			
1812 2,520	1812 2,520	For filing a request for ex parte reexamination			
1804 920*	1804 920*	Requesting publication of SIR prior to Examiner action			
1805 1,840*	1805 1,840*	Requesting publication of SIR after Examiner action			
1251 110	2251 55	Extension for reply within first month			
1252 420	2252 210	Extension for reply within second month			
1253 950	2253 475	Extension for reply within third month			
1254 1,480	2254 740	Extension for reply within fourth month			
1255 2,010	2255 1,005	Extension for reply within fifth month			
1401 330	2401 165	Notice of Appeal			
1402 330	2402 165	Filing a brief in support of an appeal			
1403 290	2403 145	Request for oral hearing			
1451 1,510	1451 1,510	Petition to institute a public use proceeding			
1452 110	2452 55	Petition to revive - unavoidable			
1453 1,330	2453 665	Petition to revive - unintentional			
1501 1,330	2501 665	Utility issue fee (or reissue)			
1502 480	2502 240	Design issue fee			
1503 640	2503 320	Plant issue fee			
1460 130	1460 130	Petitions to the Commissioner			
1807 50	1807 50	Processing fee under 37 CFR 1.17(q)			
1806 180	1806 180	Submission of Information Disclosure Stmt			
8021 40	8021 40	Recording each patent assignment per property (times number of properties)			
1809 770	2809 385	Filing a submission after final rejection (37 CFR 1.129(a))			
1810 770	2810 385	For each additional invention to be examined (37 CFR 1.129(b))			
1801 770	2801 385	Request for Continued Examination (RCE)			
1802 900	1802 900	Request for expedited examination of a design application			

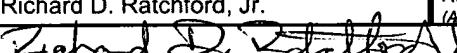
Other fee (specify) _____

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)

(Complete if applicable)

SUBMITTED BY

Name (Print/Type)	Richard D. Ratchford, Jr.	Registration No. (Attorney/Agent)	53,865	Telephone	516-357-0091
Signature				Date	12/09/03

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

ATTORNEY DOCKET NO. YOR920030436US1 (8728-654)
Date: December 9, 2003
Express Mail Label: EV413369991US
Date of Deposit: December 9, 2003

Transmitted herewith for filing is the Patent Application of:

Inventors: Hans Jacobson, Prabhakar N. Kudva, Leon Sigal

For: SYSTEM AND METHOD FOR TOPOLOGY SELECTION TO MINIMIZE LEAKAGE POWER DURING SYNTHESIS

Enclosed are: [X] 20 sheet(s) of specification; [X] 1 sheet(s) of Abstract; [X] 9 sheet(s) of claims; [X] 7 sheet(s) of drawing(s);

[] An assignment of the invention to: _____, with Recordation Form.

[] Declaration and Power of Attorney.

[] A certified copy of a _____ application, from which priority under Title 35 USC §119 is claimed.

[] Associate Power of Attorney.

The filing fee has been calculated as shown below:

FOR:	(Col. 1) NO. FILED	(Col. 2) NO. EXTRA
BASIC FEE		
TOTAL CLAIMS	40-20 =	20
INDEP CLAIMS	5-3 =	2
<u>MULTIPLE DEPENDENT CLAIMS PRESENTED</u>		

If the difference in Col. 1 is less than zero, enter "0" in Col. 2.

OTHER THAN A SMALL ENTITY	
RATE	FEES
	\$ 770.00
X \$18 =	\$ 360.00
X \$86 =	\$ 172.00
+ 290 =	
TOTAL	\$1,302.00

[] Checks in the amount of \$____ and \$____ to cover the filing fee(s) and recording fee are enclosed.

[X] Please charge my Deposit Account No. 50-0510/IBM (Yorktown Heights) in the amount of \$ 1,302.00.

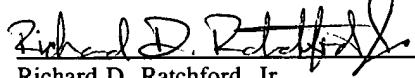
[X] The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 50-0510/IBM (Yorktown Heights). A duplicate copy of this sheet is enclosed.

[X] Any additional filing fees required under 37 CFR 1.16.

[X] Any patent application processing fees under 35 CFR 1.17.

Respectfully submitted,

By:

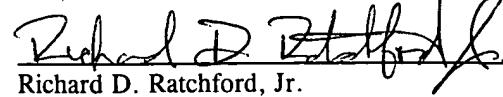

Richard D. Ratchford, Jr.
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P.O. Box 218
Yorktown Heights, NY 10598

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CERTIFICATION UNDER 37 C.F.R. § 1.10

I hereby certify that this Application transmittal and the documents referred to as enclosed are being deposited with the United States Postal Service on this date December 9, 2003 in an envelope as "Express Mail Post Office to Addressee" Mailing Label Number EV413369991US addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.


Richard D. Ratchford, Jr.